

EQUIPMENT LIST

The contact persons for District #7 are as follows:

Mr. John Concannon
Assistant District Engineer - Traffic
Phone: (310) 624-8141

Mr. Dave Coyne
Assistant District Engineer - Maintenance
Phone: (310) 624-8106

Mr. Jim Buckalew
District Engineer - Utility
Phone: (301) 624-8110

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

The power company representative is:

Mr. Steve Schneider
Baltimore Gas and Electric
7317 Parkway Drive South
Hanover, MD 21076
410-859-9310
WMS# PENDING

PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of a new School Flasher (H.I.B.) on MD 32 (Sykesville Road) approximately 25' south of Irving Ruby Road in Carroll County. The School Flasher shall warn southbound drivers that they are approaching a school zone. MD 32 (Sykesville Road) is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- A School Flasher shall be added on MD 32 (Sykesville Road) and shall flash during school hours.
- One (1) two-channel flasher unit with dimmer switch shall be installed into the proposed size "G" pole mounted cabinet.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
- The negotiable item of remove and relocate existing sheet aluminum sign shall include the removal of the existing wood sign support and installing the sheet aluminum signs to the pedestal pole by banding the signs to the pedestal pole. Materials needed for this task shall be provided by SHA sign shop.

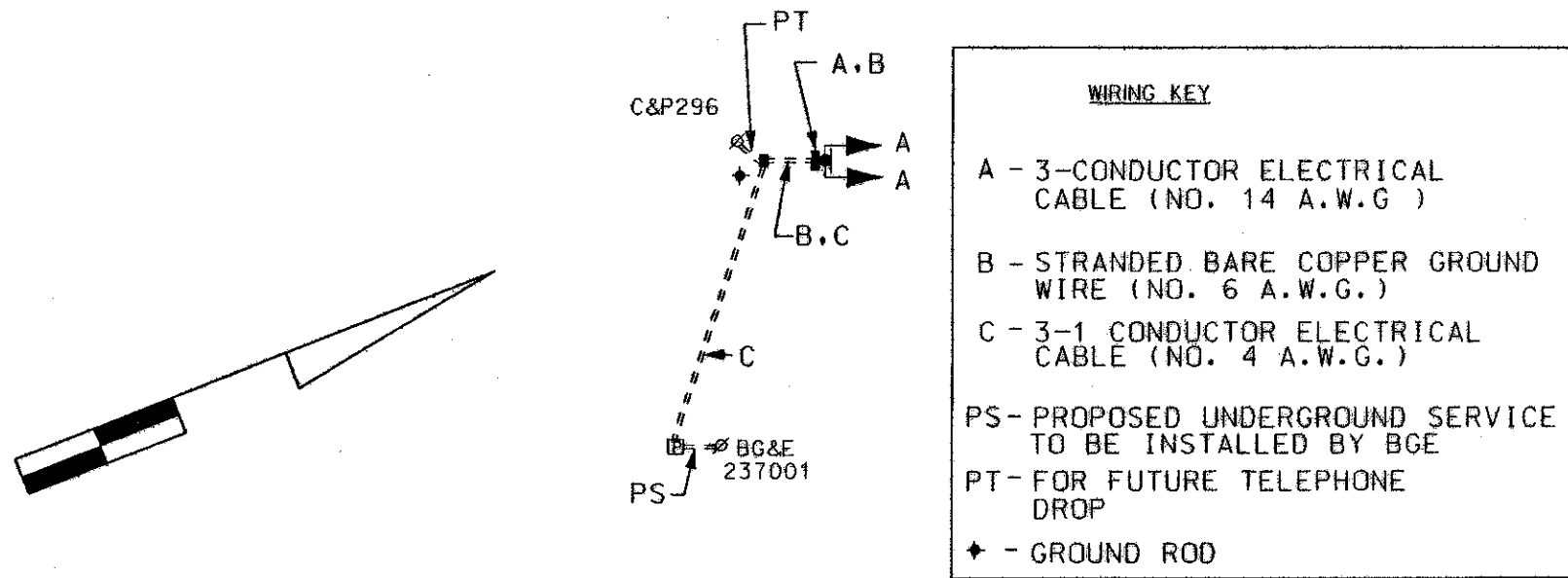
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
2002	Test Pit Excavation	1 C.Y.
8001	Furnish and install concrete for signal foundation.	1 C.Y.
8013	Furnish and install breakaway pedestal pole (14').	1 EA
8022	Furnish and install No. 6 AWG stranded bare copper ground wire.	15 L.F.
8027	Furnish and install 2" schedule 80 rigid polyvinyl chloride conduit - bored.	100 L.F.
8030	Furnish and install 2" schedule 80 rigid polyvinyl chloride conduit - trenched.	15 L.F.
8031	Furnish and install 3" schedule 80 rigid polyvinyl chloride - trenched.	35 L.F.
8037	Metered service pedestal.	1 EA
8038	Furnish and install electrical utility service equipment (120/240 V, 1 phase 3 wire system).	1 EA
8039	Furnish and install electrical cable 1-conductor No. 4 AWG THHN/THWN.	300 L.F.
8045	Furnish and install electrical handhole.	1 EA
8067	Connector Kit - Type 1	1 EA
8068	Connector Kit - Type 2	1 EA
8069	Furnish and install ground rod - 3/4" x 10'.	2 EA
8071	Furnish and install 12" vehicular traffic signal head section	2 EA
8078	Furnish and install electrical cable - 3 conductor (No. 14 AWG).	35 L.F.
8089	Install controller and cabinet pole mount.	1 EA
NEG	Remove and relocate existing sheet aluminum sign	3 EA

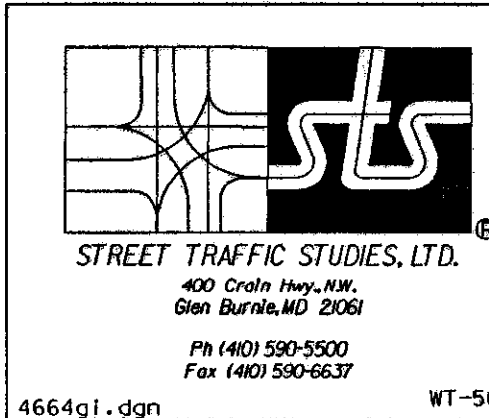
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
9012	2-circuit flasher unit and time base unit with a dimmer switch	1 EA
9037	Cabinet "G" type - pole mount	1 EA



WIRING KEY
A - 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
C - 3-1 CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY BGE
PT - FOR FUTURE TELEPHONE DROP
G - GROUND ROD



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 32 (SYKESVILLE RD) AND FREEDOM DISTRICT ELEMENTARY SCHOOL SHA# C1722AB01801 TSD# AT308-016			
DRAWN BY: D.A.NIES	F.A.P. NO. AC-STP6-0005(904)E	TS NO. 4327	SHEET NO. 2 OF 2
CHECKED BY:	S.H.A. NO. AT3585185	T.I.M.S. NO. 6380	
SCALE: 1" = 50'	COUNTY: CARROLL		
DATE: 6-10-04	LOG MILE:		